

NUCLEAR FACTORS ASSOCIATED WITH
TRANSCRIPTIONAL REGULATION

Abstract of the Disclosure

Constitutive and tissue-specific protein factors which bind to transcriptional regulatory elements of Ig genes (promoter and enhancer) are described. The factors were identified and isolated by an improved assay for protein-DNA binding. Genes encoding factors which positively regulate transcription can be isolated and employed to enhance transcription of Ig genes. In particular, NF-kB, the gene encoding NF-kB, IκB and the gene encoding IκB and uses therefor.

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